

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 5/30/01 areA approved by the Draftsperson under 37 CFR 1.84 or 1.152.B objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Black ink. Color.	— Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
— Color drawings are not acceptable until petition is granted	—
Fig(s) _____	—
— Pencil and non black ink not permitted. Fig(s) _____	—
2. PHOTOGRAPHS. 37 CFR 1.84(b)	9. SCALE. 37 CFR 1.84(k)
— 1 full-tone set is required. Fig(s) _____	— Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
— Photographs may not be mounted. 37 CFR 1.84(c)	Fig(s) _____
— Poor quality (half-tone). Fig(s) _____	—
3. TYPE OF PAPER. 37 CFR 1.84(c)	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
— Paper not flexible, strong, white, and durable	— Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).
— Fig(s) _____	Fig(s) _____
— Erasures, alterations, overwritings, interlineations, folds, cups, machine marks not accepted. Fig(s) _____	—
— Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	11. SHADING. 37 CFR 1.84(m)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes	— Solid black areas pale. Fig(s) _____
— 21.0 cm by 29.7 cm (DIN size A4)	— Solid black shading not permitted. Fig(s) _____
— 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	— Shade lines, pale, rough and blurred. Fig(s) _____
— All drawing sheets not the same size.	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
— Sheet(s) _____	— Numbers and reference characters not plain and legible.
— Drawings sheets not an acceptable size. Fig(s) _____	Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	— Figure legends are poor. Fig(s) <u>1-13</u>
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	— Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
SIZE: A4 Size	Fig(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	— English alphabet not used. 37 CFR 1.84(p)(2)
SIZE: 8 1/2 x 11	Fig(s) _____
Margins not acceptable. Fig(s) <u>8/12</u>	— Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
— Top (T) _____ Left (L) _____	Fig(s) _____
— Right (R) _____ Bottom (B) _____	13. LEAD LINES. 37 CFR 1.84(q)
6. VIEWS. 37 CFR 1.84(h)	— Lead lines cross each other. Fig(s) _____
REMINDER: Specification may require revision to correspond to drawing changes.	— Lead lines missing. Fig(s) _____
Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
— Brackets needed to show figure as one entity.	— Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
Fig(s) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
— Views not labeled separately or properly.	— Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(w)
— Enlarged view not labeled separately or properly.	— Corrections not made from prior PTO-948 dated _____
Fig(s) _____	17. DESIGN DRAWINGS. 37 CFR 1.152
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)	— Surface shading shown not appropriate. Fig(s) _____
— Hatching not indicated for sectional portions of an object	— Solid black shading not used for color contrast
Fig(s) _____	Fig(s) _____
— Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	
COMMENTS	

REVIEWER _____

DATE 5/16/02 TELEPHONE NO. 308-2001ATTACHMENT TO PAPER NO. 4

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.